

Rodrigo Marcel Kunrath

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Professional Summary

Software Engineer with 4 years of experience in full-stack and backend development. Skilled in designing and building scalable solutions using technologies such as Node.js, React, TypeScript, SQL, and C#. Experience spans ERP systems, embedded systems, and modern web/mobile applications. Strong understanding of software architecture, API integrations, and agile methodologies. Fluent in Portuguese and advanced in English.

Tech Stack

Languages: TypeScript, JavaScript, C#, C++, SQL, PL/SQL, Python

Frontend: React, React Native, HTML, CSS

Backend: Node.js, Express, PHP

Database: SQL Server, PostgreSQL, Oracle

Tools & DevOps: Git, GitHub, Bitbucket, Jira, Docker, Linux, Figma, Expo

ERP: Magic xpa, ERP Cigam

Professional Experience

Software Engineer – CIGAM

Porto Alegre, Brazil — Apr 2025 – Present

- Assigned tasks through service orders with scheduled phases: development, testing, code review, client presentation, and production delivery.
- Developed APIs using C# and Python to integrate with ERP Cigam.
- Created frontend customizations using React for modern web ERP clients.
- Maintained and enhanced legacy systems using Magic xpa.

Full Stack Engineer – Grupo Advis

Porto Alegre, Brazil — Sep 2024 – Apr 2025

- Developed new features and resolved issues in the company's main web platform.
- Worked with PHP, Node.js, React, and SQL to deliver scalable solutions.
- Managed Linux-based server configurations and deployments.
- Used Slack, Jira, Bitbucket, and Git for collaborative project management.

Software Developer – AndSystem

Porto Alegre, Brazil — Nov 2019 – Jul 2022

- Developed PL/SQL solutions for Oracle-based ERP systems.
- Created UI and business logic in Magic for the ERP Cigam platform.
- Focused on performance optimization, data modeling, and large-scale systems.

C++ Developer – Grupo São Carlos

Porto Alegre, Brazil — Nov 2018 – Apr 2019

- Built Arduino-based embedded software and designed PCB boards.
- Supported hardware-software prototyping for industrial automation.

Projects

EmoLink - Currently in closed beta with real patients under professional supervision, in partnership with a clinical psychologist.

<https://testflight.apple.com/join/DDT4rU44>

A mobile-first application for real-time emotion monitoring and analysis.

Built using **React Native** and **Node.js**, EmoLink integrates biometric or user-input data to track emotional states over time. The app provides a visual dashboard to help users understand emotional patterns, with a focus on mental health, self-awareness, and behavioral trends. Ideal for use cases like therapy support, mood tracking, and wellness monitoring.

Key Features:

- Emotion tracking in real-time using biometric signals or manual input
- Data visualization through graphs and trends
- Backend services for data storage and analytics
- User-friendly and responsive mobile interface

Education

Bachelor in Biomedical Informatics

Universidade Federal de Ciências da Saúde de Porto Alegre – Porto Alegre, Brazil

Languages

Portuguese: Native

English: Advanced to Fluent (C1)